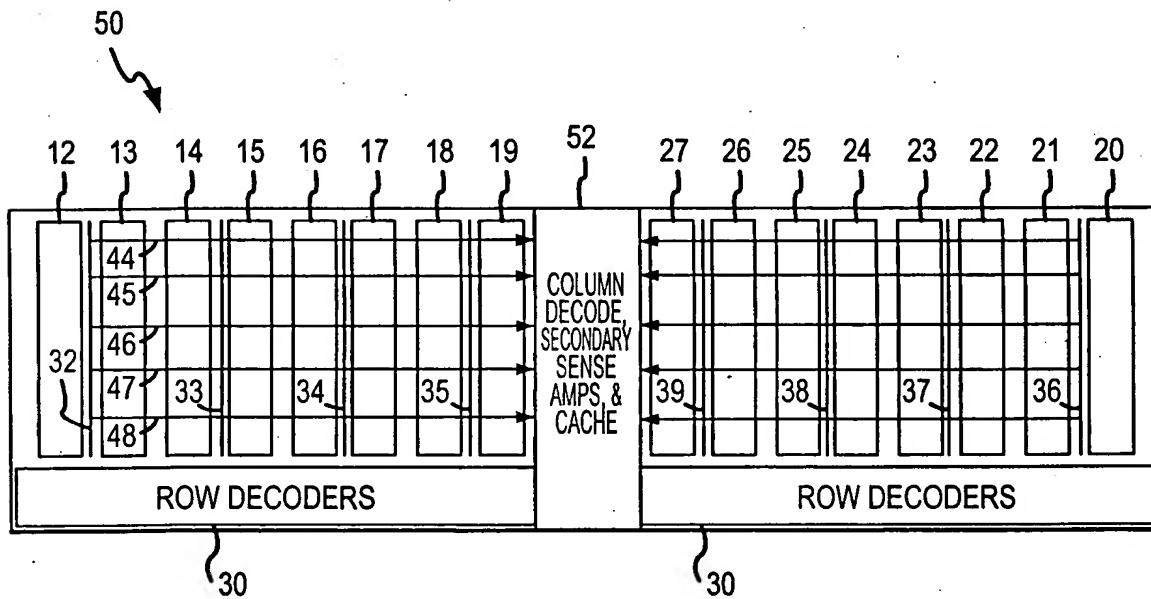


**FIG. 1**  
(PRIOR ART)



**FIG. 2**

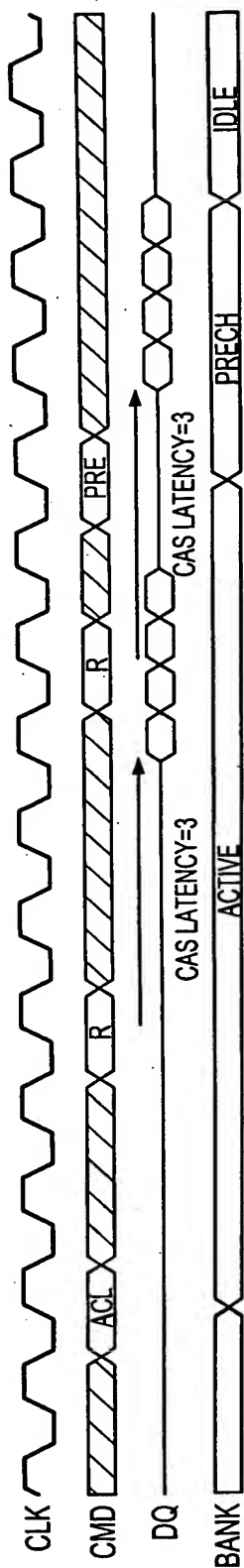


FIG. 3

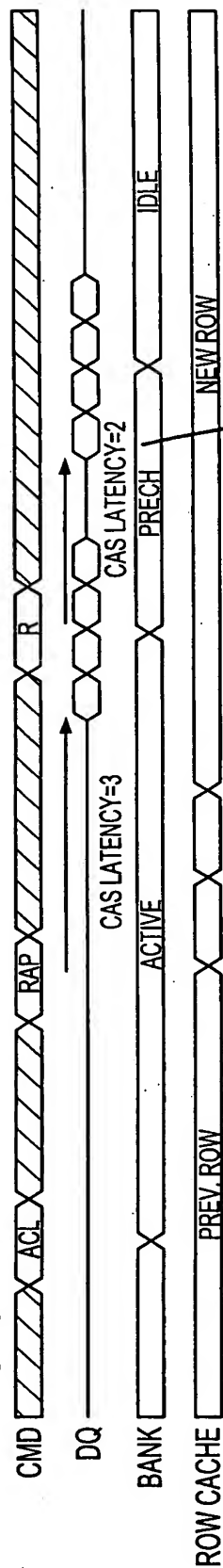


FIG. 4

ROW CACHE COMPLETELY  
LOADED BY THIS POINT

ROW CACHE COMPLETELY  
LOADED BY THIS POINT

SUBSEQUENT ACCESS TO ROW CACHE  
OCCURS WITH LOWER LATENCY (CL2)

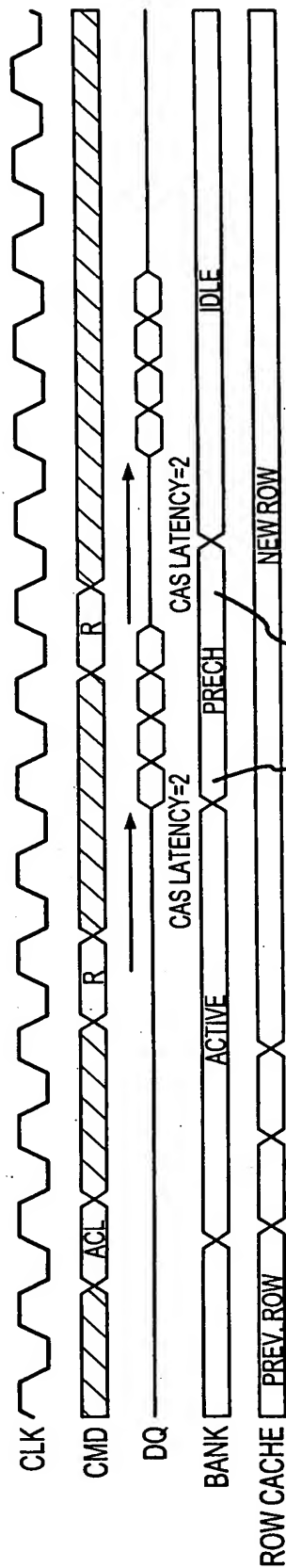


FIG. 5

ROW CACHE COMPLETELY  
LOADED BY THIS POINT

IF ROW CACHE IS LOADED BY THE ACTIVATE COMMAND,  
THEN ACCESS TO ROW CACHE OCCURS WITH LOWER  
LATENCY (CL2) EVEN ON THE FIRST READ ACCESS.